

Washoe Tribe of Nevada and California



June 7, 2002

Ms. Kristen Gullatt
Water Division (WTR-10)
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105

Dear Ms. Gullatt,

Enclosed please find the Washoe Tribe of Nevada and California's full proposal request for financial assistance under section 319 of the Clean Water Act Programs A & B "Watershed Project".

The Washoe Tribe of Nevada and California's Nonpoint Source Assessment and Management Program was approved by the Environmental Protection Agency February 2000. We feel that the implementation of this effort is essential to the protection and enhancement of the waters on Washoe Tribal lands.

It is anticipated that the projects implementation will result in reduced sediment delivery, increased bank stability, reduced delivery of nutrients, and improved tribal Best Management Practices understanding. These results will benefit in the long-term surface and ground water quality in addition to increasing wildlife and aquatic habitat. Project completion will result in improved management of livestock grazing, erosion and sediment controls, stream protection and bank stabilization, and riparian vegetation management.

We look forward to working in partnership with EPA to protect and restore water quality, watershed condition, aquatic, and riparian habitat on tribal lands. Please feel free to call Marie Barry, Environmental Director, if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "A. Brian Wallace".

A. Brian Wallace, Chairman
cc: WEPD File
Washoe Grants Office

APPLICATION FOR
FEDERAL ASSISTANCE

1. TYPE OF SUBMISSION		2. DATE SUBMITTED June 7, 2002		Applicant Identifier	
Application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction		Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction		3. DATE RECEIVED BY STATE State Application Identifier	
		4. DATE RECEIVED BY FEDERAL AGENCY		Federal Identifier	
5. APPLICANT INFORMATION					
Legal Name: Washoe Tribe of Nevada and California			Organizational Unit: Washoe Environmental Department		
Address (give city, county, state, and zip code): 919 Highway 395 South, Gardnerville, NV 89410			Name and telephone number of the person to be contacted on matters involving this application (give area code) A. Brian Wallace, Chairman 775.265.4191 x 104		
6. EMPLOYER IDENTIFICATION (EIN): 88 - 0120754			7. TYPE OF APPLICANT: (enter appropriate letter here) <u>K</u> A. State H. Independent School District B. County I. State Controlled Institution of Higher Learning C. Municipal J. Private University D. Township K. Indian Tribe E. Interstate L. Individual F. Intermunicipal M. Profit Organization G. Special District N. Other (Specify):		
8. TYPE OF APPLICATION: <input type="checkbox"/> New <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es): <input type="checkbox"/> <input type="checkbox"/> A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration Other Specify:					
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: <u>66 . 460</u> TITLE: Non Point Source Program			11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Non Point Source Program; to expand the Tribal Program to protect and restore water quality, watershed condition , and aquatic and riparian habitat on Tribal lands as outlined in the Tribe's NPS management program.		
12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.): Washoe Reservation and Trust Lands					
13. PROPOSED PROJECT:		14. CONGRESSIONAL DISTRICT OF:			
Start Date: 8/1/02	End Date: 10/30/03	a. Applicant: CA: 14 Doolittle NV: 2 Gibbons		b. Project (Same)	
15. Estimated Funding:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS? a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESSES FOR REVIEW ON: DATE b. NO. X PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW			
a. Federal	\$	180,000.00			
b. Applicant	\$	41,586.00			
c. State	\$				
d. Local	\$	5,600.00			

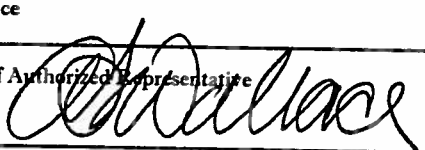
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e. Other	
f. Program Income	
g. TOTAL	\$ 227,186.00

17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?

☐ Yes If "Yes" attach an explanation. ☒ No

18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.

a. Typed Name of Authorized Representative. A. Brian Wallace	b. Title: Chairman	c. Telephone Number 775.265.4191 x 104
d. Signature of Authorized Representative 		e. Date Signed June 7, 2002

Previous Editions Not Usable

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Standard Form 424A (REV 4-88)
Prescribed by OMB Circular A-102

BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Non Point Source	66-460	\$	\$	\$ 180,000.00	\$ 47,186.00	\$ 227,186.00
2.						0.00
3.						0.00
4.						0.00
5. TOTALS		\$ 0.00	\$ 0.00	\$ 180,000.00	\$ 47,186.00	\$ 227,186.00

SECTION B - BUDGET CATEGORIES

6. OBJECT CLASS CATEGORIES	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) Program A	(2) Program B	(3)	(4)	
a. Personnel	\$ 17,025.00	\$ 53,132.00	\$	\$	\$ 70,157.00
b. Fringe Benefits	1,985.00	11,771.00			13,7565.00
c. Travel	1,460.00	2,528.00			3,988.00
d. Equipment	2,500.00	2,500.00			5,000.00
e. Supplies	2,000.00	3,000.00			5,000.00
f. Contractual	6,247.00	77,732.00			83,979.00
g. Construction					0.00
h. Other	9,475.00	23,275.00			32,750.00
i. Total Direct Charges (sum of 6a - 6h)	40,692.00	173,938.00	0.00	0.00	214,630.00
j. Indirect Charges	2,851.00	9,705.00			12,556.00
k. TOTALS (sum of 6i and 6j)	\$ 43,543.00	\$ 183,643.00	\$ 0.00	\$ 0.00	\$ 227,186.00
7. Program Income	\$	\$	\$	\$	\$ 0.00

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8. Non Point Source	\$ 41,586.00	\$	\$ 5,600.00	\$ 47,186.00
9.				0.00
10.				0.00
11.				0.00
12. TOTAL (sum of lines 8 and 11)	\$ 41,586.00	\$ 0.00	\$ 5,600.00	\$ 47,186.00

SECTION D - FORECASTED CASH NEEDS

13. Federal	(Total for 1st Year)	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
	\$ 180,000.00	\$ 60,000.00	\$ 60,000.00	\$ 30,000.00	\$ 30,000.00
14. NonFederal	47,186.00	18,093.00	18,093.00	9,000.00	2,000.00
15. TOTAL (sum of lines 13 and 14)	\$ 227,186.00	\$ 78,093.00	\$ 78,093.00	\$ 39,000.00	\$ 32,000.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (Years)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16. Non Point Source	\$ 180,000.00	\$ 200,000.00	\$ 250,000.00	\$ 300,000.00
17.				
18.				
19.				
20. TOTALS (sum of lines 16 - 19)	\$ 180,000.00	\$ 200,000.00	\$ 250,000.00	\$ 300,000.00

SECTION F - OTHER BUDGET INFORMATION
(Attach additional sheets if Necessary)

21. Direct Charges: \$ 214,630.00	22. Indirect Charges: \$ 12,556.00
23. Remarks: Indirect charges information is in 106 of Clean Water Act Grant File FY02	

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BUDGET CATEGORIES INFORMATION (FROM SF424A, SECTION 4 TOTALS)

Enter Total Program Costs, i.e., Federal and Non-Federal Funds Combined

(Attach Separate Sheet(s) if necessary)

Object Class Categories

a. Personnel: (Program Staffing - include and indicate vacant positions)	Number in Position Class	Annual Salary Rate	Work Years	Personnel Costs
Position Title				
(1)	(2)	(3)	(4)	(5)
FTE Environmental Director	1	50,149.00	3.5	7,927.00
FTE Environmental Coordinator	1	47,778.00	.25	9,000.00
FTE Environmental Specialist II	3	27,149.00	3	37,869.00
FT Environmental Specialist I	2	25,863.00	.5	8,339.00
FTE Secretary	1	22,080.00	.25	2,922.00
WDE Director	1			(1,188.00)
WDE Ranch Manager	1			(2,886.00)
PERSONNEL CATEGORY TOTALS				70,157.00
b. FRINGE BENEFITS: TOTAL				13,7565.00
c. TRAVEL: TOTAL (Itemize below - See Sample pages)				3,988.00

BUDGET CATEGORIES INFORMATION (FROM SF424A, SECTION B TOTALS)
Enter Total Program Costs, i.e., Federal and Non-Federal Funds Combined

(Attach Separate Sheet(s) if necessary)

Object Class Categories

d. Equipment:		
(1) List each item costing \$5,000 or more to be purchased for this project;		
SUB-TOTAL		
(2) List items costing less than \$5,000. You may list the items by groups, as appropriate.		
Live stock watering device and installation materials		5,000.00
SUB-TOTAL		5,000.00
COMBINED EQUIPMENT TOTAL		5,000.00
e. Supplies: List by groups, as appropriate.		
Office supplies (general office and computer supplies e.g. zip disks, floppy disks, pens, labels, paper etc.)		2,000.00
Field Supplies (clippers, seed spreader, planting supplies, shovels etc.)		3,000.00
SUPPLIES TOTAL		5,000.00

BUDGET CATEGORIES INFORMATION (FROM SF424A, SECTION TOTALS)

Enter Total Program Costs, i.e., Federal and Non-Federal Funds Combined

(Attach Separate Sheet(s) if necessary)

Object Class Categories

<p>f. CONTRACTUAL: List each planned contract separately, type of services to be procured, proposed procurement method (i.e. small purchase, formal advertising, competitive negotiations or non-competitive negotiations) and the estimated cost. Also, please indicate if the proposed contract performance period will go beyond the budget period of assistance for which this application is submitted.</p>	
<p>Tractor/backhoe and operator (tractor @\$170day/7days + operator @ 8hr/7days x \$25hr)</p>	(6,290.00)
<p>Laboratory Fees</p>	12,125.00
<p>Consultant: Permits, Engineering/construction and inspection of bank stabilization projects</p>	3,000.00
<p>Contractor to for site work</p>	51,5640.00
<p>Contractor for well installation</p>	3,000.00
<p>Washoe Conservation Crew (\$10hr x 600hrs)</p>	2,400.00
<p>7 Youth Volunteers (\$10hr x 80hr)</p>	(5,600.00)
<p>COMBINED CONTRACTUAL TOTAL</p>	<p>\$ 83,979.00</p>
<p>g. CONSTRUCTION (N/A)</p>	
<p>h. OTHER: Explain by major categories any items not included in above standard budget categories. Caution: Do not include or proposed as a direct project cost, any cost that is indirect in nature (see OMB Circular A-87) or is included in the indirect cost pool on which the indirect cost rate (item j) is based.</p>	
<p>Revegetation Plants (Retail not Tribal value) Willow clump 3 @ \$75 each = \$225, willow 5ft section 1,000 @ \$5 each = 5,000, willow 2ft section 2,000 @ \$1 = \$2,000, cottonwood 20ft 25 @ \$40 = \$1,000, cottonwood 10ft 50 @ \$25 = \$1,250.</p>	(29,950.00)
<p>Grass seed, watering supplies, etc</p>	500.00
<p>Livestock watering device</p>	2,300.00
<p>OTHER TOTAL</p>	<p>\$ 32,750.00</p>
<p>i. TOTAL DIRECT CHARGES: (Sum of Items a. through h.)</p>	<p>214,630.00</p>
<p>j. INDIRECT COSTS: (Attach a copy of your latest indirect cost agreement)</p>	<p>12,556.00</p>
<p>k. TOTAL PROPOSED PROGRAM COSTS (Sum of Items i. and j.)</p> <p>SHARE: FEDERAL 90 % GRANTEE 25 %</p>	<p>\$ 227,186.00</p>

KEY PEOPLE LIST

Please show street address as well as Post Office Box Number where applicable.

AGENCY DIRECTOR

(Individual who is authorized to sign the assistance agreement application and award acceptance).

Name: A. Brian Wallace
Title: Chairman
Address: 919 Highway 395 South
Gardnerville, NV 89410

Telephone: 775.265.4191 x 104

PROGRAM DIRECTOR

(Technical program director; generally the same individual as the "contact person" in block #5 of the application).

Name: Marie Barry
Title: Environmental Director
Address: 919 Highway 395 South
Gardnerville, NV 89410

Telephone: 775.265.4191 x 153

FINANCE DIRECTOR

(This is the person who is responsible for (1) maintaining the accounting/financial management system supporting grant expenditures; (2) preparing financial reports; and (3) maintaining the Letter of Credit. If any of these responsibilities are located in another office, please so indicate by showing below the name(s), title(s) organization name(s), address and telephone.)

Name: Ken Keddington
Title: Finance Director
Address: 919 Highway 395 South
Gardnerville, NV 89410

Telephone: 775.265.4191 x 113

INSTRUCTIONS FOR THE SF 424

This is a standard form used by applicants as a request sheet for preapplications and applications submitted for Federal assistance. It will be used by Federal agencies to obtain applicant certification that States which have established a review and comment procedure in response to Executive Order 12372 and have selected the program to be included in their process, have been given an opportunity to review the applicant's submission.

Item: Entry:

application is subject to the State intergovernmental review process.

17. This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes.
18. To be signed by the authorized representative of the applicant. A copy of the governing body's authorization for you to sign this application as official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.)

SF 424 (REV 4-88) Back

1. Self-explanatory.
2. Date application submitted to Federal agency (or State if applicable) & applicant's control number (if applicable).
3. State use only (if applicable).
4. If this application is to continue or revise an existing award, enter present Federal identifier number. If for a new project, leave blank.
5. Legal name of applicant, name of primary organizational unit which will undertake the assistance activity, complete address of the applicant, and name and telephone number of the person to contact on matters related to this application.
6. Enter Employer Identification Number (EIN) as assigned by the Internal Revenue Service.
7. Enter the appropriate letter in the space provided.
8. Check appropriate box and enter appropriate letter(s) in the space(s) provided:
 - "New" means a new assistance award.
 - "Continuation" means an extension for an additional funding/budget period for a project with a projected completion date.
 - "Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation.
9. Name of Federal agency from which assistance is being requested with this application.
10. Use the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested.
11. Enter a brief descriptive title of the project. If more than one program is involved, you should append an explanation on a separate sheet. If appropriate (e.g., construction or real property projects), attach a map showing project location. For preapplications, use a separate sheet to provide a summary description of this project.

Item: Entry:

12. List only the largest political entities affected (e.g., State counties, cities).
13. Self explanatory.
14. List the applicant's Congressional District and any District(s) affected by the program or project.
15. Amount requested or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines as applicable. If the action will result in a dollar change to an existing award, indicate only the amount of the change. For decreases, enclose the amounts in parentheses. If both basic and supplemental amounts are included, show breakdown on an attached sheet. For multiple program funding, use totals and show breakdown using same categories as item 15.
16. Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the

INSTRUCTIONS FOR THE SF-424A

General Instructions

This form is designed so that application can be made for funds from one or more grant programs. In preparing the budget, adhere to any existing Federal grantor agency guidelines which prescribe how and whether budgeted amounts should be separately shown for different functions or activities within the program. For some programs, grantor agencies may require budgets to be separately shown by function or activity. For other programs, grantor agencies may require a breakdown by function or activity. Sections A, B, C, and D should include budget estimates for the whole project except when applying for assistance which required Federal authorization in annual or other funding period increments. In the latter case, Section A, B, C, and D should provide the budget for the first budget period (usually a year) and Section E should present the need for Federal assistance in the subsequent budget periods. All applications should contain a breakdown by the object class categories shown in Lines a - k of Section B.

Section A. Budget Summary

Lines 1 - 4, Columns (a) and (b)

For applications pertaining to a *single* federal grant program (Federal Domestic Assistance Catalog number) and *not requiring* a functional or activity breakdown, enter on Line 1 under Column (a) the catalog program title and the catalog number in Column (b).

For applications pertaining to a *single* program *requiring* budget amounts by multiple functions or activities, enter the name of each activity or function on each line in Column (a), and enter the catalog number in Column (b). For applications pertaining to multiple programs where none of the programs require a breakdown by function or activity, enter the catalog program title on each line in Column (a) and the respective catalog number on each line in Column (b).

For applications pertaining to *multiple* programs where one or more programs require a breakdown by function or activity, prepare a separate sheet for each program requiring the breakdown. Additional sheets should be used when one form does not provide adequate space for all breakdown of data required. However, when more than one sheet is used, the first page should provide the summary totals by programs.

Lines 1 - 4, Columns (c) through (g).

For *new* applications, leave Columns (c) and (d) blank. For each line entry in Columns (a) and (b), enter in Columns (e), (f), and (g) the appropriate amounts of funds needed to support the project for the first funding period (usually a year).

Lines 1 - 4 Columns (c) through (g). (continued)

For *continuing grant program* applications, submit these forms before the end of each funding period as required by the grantor agency. Enter in Columns (c) and (d) the estimated amounts of funds which will remain unobligated at the end of the grant funding period only if the Federal grantor agency instructions provide for this. Otherwise, leave these columns blank. Enter in columns (e) and (f) the amounts of funds needed for the upcoming period. The amount(s) in Column (g) should be the sum of amounts in Columns (e) and (f).

For *supplemental grants and changes to existing grants*, do not use Columns (c) and (d). Enter in Column (e) the amount of the increase or decrease of Federal funds and enter in Column (f) the amount of the increase or decrease of non-Federal funds. In Column (g) enter the new total budgeted amount (Federal and non-Federal) which includes the total previous authorized budgeted amounts plus or minus, as appropriate, the amounts shown in Columns (e) and (f). The amount(s) in Column (g) should not equal the sum of amounts in Columns (e) and (f).

Line 5 - Show the totals for all columns used.

Section B. Budget Categories

In the column headings (1) through (4), enter the titles of the same programs, functions, and activities shown on Lines 1 - 4, Column (a), Section A. When additional sheets are prepared for Section A, provide similar column headings on each sheet. For each program, function, or activity, fill in the total requirements for funds (both Federal and non-Federal) by object class categories.

Lines 6a-i - Show the totals of Lines 6 a to 6h in each column.

Line 6j - Show the amount of indirect cost.

Line 6k - Enter the total of amounts on Lines 6i and 6j. For all applications for new grants and continuation grants the total amount in column (5), Line 6k, should be the same as the total shown in Section A, Column (g), Line 5. For supplemental grants and changes to grants, the total amount of the increase or decrease as shown in Columns (1)-(4), Line 6k should be the same as the sum of the amounts in Section A, Columns (e) and (f) on Line 5.

Line 7 - Enter the estimated amount of income, if any, expected to be generated from this project. Do not add or subtract this amount from the total project amount. Show under the program narrative statement the nature and source of income. The estimated amount of program income may be considered by the federal grantor agency in determining the total amount of the grant.

Section C. Non-Federal-Resources

Lines 8-11 - Enter amounts of non-Federal resources that will be used on the grant. If in-kind contributions are included, provide a brief explanation on a separate sheet.

Column (a) - Enter the program titles identical to Column (a), Section A. A breakdown by function or activity is not necessary.

Column (b) - Enter the contribution to be made by the applicant.

Column (c) - Enter the amount of the State's cash and in-kind contribution if the applicant is not a State or State agency. Applicants which are a State or State agency should leave this column blank.

Column (d) - Enter the amount of cash and in-kind contributions to be made from all other sources.

Column (e) - Enter totals of Columns (b), (c), and (d).

Line 12 - Enter the total for each of Columns (b)-(e). The amount in Column (e) should be equal to the amount on Line 5, Column (f), Section A.

Section D. Forecasted Cash Needs

Line 13 - Enter the amount of cash needed by quarter from the grantor agency during the first year.

Line 14 - Enter the amount of cash from all other sources needed by quarter during the first year.

Line 15 - Enter the totals of amounts on Lines 13 and 14.

Section E. Budget Estimates of Federal Funds Needed for Balance of the Project

Lines 16-19 - Enter in Column (a) the same grant program titles shown in Column (a), Section A. A breakdown by function or activity is not necessary. For new applications and continuation grant applications, enter in the proper columns amounts of Federal funds which will be needed to complete the program or project over the succeeding funding periods (usually in years). This section need not be completed for revisions (amendments, changes, or supplements) to funds for the current year.

If more than four lines are needed to list the program titles, submit additional schedules as necessary.

Line 20 - Enter the total for each of the Columns (b)-(e). When additional schedules are prepared for this Section, annotate accordingly and show the overall totals on this line.

Section F. Other Budget Information

Line 21 - Use this space to explain amounts for individual direct object-class cost categories that may appear to be out of the ordinary or to explain the details as required by the Federal grantor agency.

Line 22 - Enter the type of indirect rate (provisional, predetermined, final or fixed) that will be in effect during the funding period, the estimated amount of the base to which the rate is applied, and the total indirect expense.

Line 23 - Provide any other explanations or comments deemed necessary.

OMB Approval No. 0348-0040

SF 424 (4-88) page 4

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Note: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

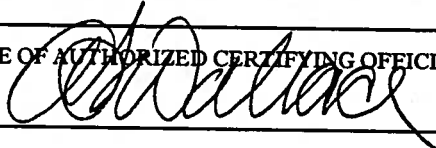
As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of the project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§ 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 795), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§ 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§ 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply with the provision of the Hatch Act (5 U.S.C. §§ 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§ 276a-7), the Copeland Act (40 U.S.C. §§ 874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§ 327-333), regarding labor standards for federally assisted construction subagreements.

Standard Form 424B (4-88)
Prescribed by OMB Circular A-102

AUTHORIZED FOR LOCAL REPRODUCTION

10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-90) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplain in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§ 1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. § 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); and (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§ 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.)
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. 2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§ 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984.
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE Chairman
APPLICANT ORGANIZATION Washoe Tribe of Nevada and California	DATE SUBMITTED June 7, 2002

Washoe Tribe of Nevada and California



TO: Gmo, PMA 7

June 7, 2002

Ms. Kristen Gullatt
Water Division (WTR-10)
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105

Dear Ms. Gullatt,

Enclosed please find the Washoe Tribe of Nevada and California's full proposal request for financial assistance under section 319 of the Clean Water Act Programs A & B "Watershed Project".

The Washoe Tribe of Nevada and California's Nonpoint Source Assessment and Management Program was approved by the Environmental Protection Agency February 2000. We feel that the implementation of this effort is essential to the protection and enhancement of the waters on Washoe Tribal lands.

It is anticipated that the projects implementation will result in reduced sediment delivery, increased bank stability, reduced delivery of nutrients, and improved tribal Best Management Practices understanding. These results will benefit in the long-term surface and ground water quality in addition to increasing wildlife and aquatic habitat. Project completion will result in improved management of livestock grazing, erosion and sediment controls, stream protection and bank stabilization, and riparian vegetation management.

We look forward to working in partnership with EPA to protect and restore water quality, watershed condition, aquatic, and riparian habitat on tribal lands. Please feel free to call Marie Barry, Environmental Director, if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "A. Brian Wallace".

A. Brian Wallace, Chairman
cc: WEPD File
Washoe Grants Office

Applicant Name and Address

Washoe Tribe of Nevada and California
919 Highway 395 South
Gardnerville, NV 89410

Contact Person

Marie Barry, Environmental Programs Director
(775) 265-4191 x 153
FAX: (775) 265-6240
Email: washoetribe@saturnnet.com

Project Introduction/Identification of the Problem

The Washoe Tribe has a long commitment to the restoration of Tribal lands and the aboriginal homelands. The Washoe Tribe has established several laws and plans to protect the environment of Tribal lands, including a Planning Development law, Water Code, Environmental Protection Code, and Land Use Management Plan. The Washoe Environmental Protection Department (WEPD) has completed a final draft on Nonpoint Source Assessment and Management Program (2000), Water Quality Standards (Draft), and a Sampling and Analysis Plan for the Water Quality Monitoring Program (2000). The WEPD has also completed a Unified Watershed Assessment, which listed the Middle Carson as a Category 1. and Priority 1. Watershed. Currently, WEPD is working on the second draft of Water Quality Standards and a 305b Report. The Tribe has initiated many specific environmental restoration and protection projects to implement these plans and help minimize the impacts of a long term ranching operation and to improve water quality. An emphasis has been placed on protection of the Carson River Watershed where the Tribe has joined forces with federal, state, local, and private parties to ensure the protection of traditional Washoe natural resources, including gathering areas and native vegetation. Additionally, WEPD has worked with Tribal elders and children on the restoration and recording of the knowledge base of traditional and customary stewardship and practices.

The Tribe's environmental restoration efforts and consultation with the Upper Carson River Management Group have highlighted the need for 319(h) funding to address a significant stream bank erosion problem located on Tribal lands, which impacts the health of the entire watershed. Restoration of the watershed will continue through these existing efforts, however, this 319(h) grant funding is needed to continue the implementation of seven agriculture activities including the Washoe Planned Grazing System developed with 319(h) FY00 funds.

By reducing sediment loading, restoring native vegetation, and implementing new irrigation practices, the measures proposed in this project will stride toward a long-term goal of restoring water quality, watershed condition, and aquatic and riparian habitat as outlined in the Washoe Tribe of Nevada & California's Nonpoint Source Assessment and Management Program (2000). The Carson River Watershed (CRW) is on the Nevada 303d list for exceeding impairments of phosphorus, sediment, and turbidity. The CRW is one of the EPA's targeted hydrologic unit areas, and is one of the 12-targeted areas on the National Clean Water Action Plan for coordinated restoration demonstration watersheds.

The project will implement seven agriculture activities identified under the Tribe's best management practices implementation schedule as set forth in the Tribe's final NPS Management Program (2000). This will include the implementation of the Washoe Planned Grazing System (BMP 7-8), Soil Amendment, Fertilizer and Pesticide Management (BMP 7-7), Range Improvements (BMP 7-9), Proper Grazing Uses (BMP 7-9), implementation of new livestock facilities (BMP 7-11) (solar watering system), Irrigation Water Management (BMP 7-1 and BMP 7-2), Range Improvements (BMP 7-10), and Pasture and Hayland Management (BMP 7-4) proposed for installation and site specific planning in the Tribe's 319 (h) proposal for FY 2002 – 2003. Specifically, WEPD will partner with the Washoe Development Enterprise (WDE), which operates the Washoe Tribal Ranches to review the current ranching operations and implement the Washoe Grazing System and Grazing Uses for the ranch lands developed in FY00. The ranches are located along the Carson River see the attached maps for a description of the lands (Figure 1).

Additionally, WEPD will continue to develop an implementation plan to use the new solar watering system, and we plan to install one more system (Maps 1. & 2. see pre-proposal). The Ranch Manager and WEPD staff assisted with the development and implementation of plans and reviewing them with WDE management, the WDE Board, and the Tribal Council. WDE will continue to assist with FY02 319(h) activities. We will also consult with local, state, federal agencies (USDA Natural Resource Conservation Service, Western Nevada Resource Conservation Council (WNRC&D), Carson Valley Conservation District, Upper Carson River Management Group) to utilize their technical capacity and expertise. The Washoe Tribe will be the lead organization with the above listed named as cooperating institution and agencies. It is anticipated that the projects implementation will result in improved water quality and fish and vegetation habitat.

This project will assist in additional activities in conjunction with a small grant from the Department of Agriculture Natural Resource Conservation Service. The Carson Water Sub-Conservancy District funded a grant to install drop structures to create wetlands along a tributary that phosphorus levels exceed the state and federal allowable levels (Map 3.) which, will be completed by June 2002.

Project Goals & Objectives

Program goal: To reduce nutrient and sedimentation levels in the Carson River Watershed and tributaries as outlined in the Tribe's NPS Management Program (2000) and the Handbook of Best Management Practices adopted by the State, the Conservation Commission and the Division of Conservation Districts. By working with above listed agencies and organizations, the Tribe intends to establish BMP ranch operation grazing and irrigation models that can be utilized by the entire Carson River Watershed.

Program objectives:

- 1) Identification of problems resulting from WDE's current practices including grazing, irrigation water management, soil amendments, range improvements, and pasture/hayland management.

- 2) Review of other ranching operations, which are compliant with the BMPs and consultation with NRCS and other organizations.
- 3) Conduct soil tests to analyze the nutrient rates applied to agricultural lands where applicable. Establish realistic yield goals with time line. Research according to BMP 7-7 and BMP 7-11, for the Washoe Ranch operation and review of findings by WDE management and Board.
- 4) Implementation of Proper Grazing Uses according to BMP 7-9 and implementation of new Livestock Facilities such as solar irrigation devices.
- 5) Improve water quality through the reduction of nutrient and sedimentation loads.
- 6) Protection of important fish and wildlife habitats, and native riparian vegetation.

Same
as FY00
& FY01

Outputs/Deliverables

Task 1: **1 months from start**

Assign tasks to personnel and identify any possible modifications needed in work-plan. Outline management plan objectives. Establish a work schedule for WEPD staff and the WDE Ranch Manager.

Implementation of Proper Grazing Uses according to BMP 7-9 and the Washoe Planned Grazing System.

Output 1: List of assigned personnel with responsibilities. Schedule of activities.

Task 2: **3 months from start**

Identify and sample areas for soil sampling and coordinate with NRCS for additional information on BMP 7-7.

Output 2: Map of soil sampling sites and estimated yields.

Task 3: **5 months from start**

Implement range improvements identified in BMP 7-1 and BMP 7-10 identified in FY01 for the Washoe Ranch operation in consultation with NRCS and other organizations

Output 3: List of implemented BMP projects.

Task 4: **6 months from start**

Develop a status report on the implementation of the Washoe Planned Grazing System. Identify the negative and positive aspects of the Plan. Update the WDE management, the WDE Board, Tribal Council, and cooperating technical experts on the progress of the Plan.

Output 4: Status Report on the Washoe Planned Grazing System.

Task 5: **On-going**

Conduct water testing of nutrients and bacteria to measure the long-term success of the implementation of the BMPs.

Monitor vegetation sites established in FY00.

Output 5: Water quality testing results.

Quarterly reports.

NPS FY03 grant proposal.

Same as
FY01

Task 6: Month 7 through 14 from start

Implement new Livestock Facilities including a solar livestock watering system.

Output 6: Copy of map with the livestock watering systems installed since FY00 NPS funding.

Task 7: Final draft report detailing the success of the projects/activities and identify future BMP projects.

Output 7: Final draft report presented to the Washoe Tribal Council and EPA.

Budget and Workplan attached.

Budget

**Vashoe Tribe of Nevada California
Non Point Source Program B
Stewart Ranch FY02**

LINE ITEM	CALCULATION	EPA REQUEST	INKIND MATCH
Personnel			
Environmental Department Director	Range 35, Step A: (\$28.31/hour) x 80	2,265	
Environmental Coordinator	(\$18.00/hour) x 150	2,700	
1 FTE Environmental Specialist II	Range 19, Step E (14.14/hour) x 600	8,484	
Environmental Specialist I	Range , Step (\$12.83/hour) x 150	2,245	
Secretary	\$11.50/hour x 85	1,001	
WDE Director	\$33/hr x 10		330
Subtotal Personnel		16,695	330
Fringe Benefits			
FICA	0.0765	1,277	25
SUTA	0.018	301	6
SIIS	0.0221	369	7
Subtotal Fringe Benefits		1,947	38
Subtotal Personnel & Fringe		18,642	368
Operating Costs			
Travel (local)	4,000 miles x \$.365	1,460	
Subtotal Travel		1,460	
Equipment			
Livestock watering device and installation materials.		2,500	
Subtotal Equipment		2,500	
Contractual			
Water/Sediment Testing University of Nevada, Reno		2,547	
WDE: Tractor/backhoe brush hog, and operator	Tractor @ \$170day/10days	+ operator @ 8hr/10days x \$25hr	3,700
Subtotal Contractual		2,547	3,700
Supplies			
Office Supplies	general office supplies and computer supplies	1,000	
Field Supplies		1,000	
Subtotal supplies		2,000	
Other			
Revegetation Plants (Retail not Tribal value) Willow clump 3 @ \$75 each = \$225,	cottonwood 20ft 25 @ \$40 = \$1,000, cottonwood 10ft 50 @ \$25 = \$1,250.	willow 5ft section 1,000 @ \$5 each = 5,000, willow 2ft section 2,000 @ \$1 = \$2,000,	9,475
Subtotal other			9,475
Total Direct Costs		27,149	
Indirect costs @ 12.9% minus contractual and equipment		2,851	
Total		30,000	13,543
Project Costs			

Applicant Name and Address

Washoe Tribe of Nevada and California
919 Highway 395 South
Gardnerville, NV 89410

Contact Person

Marie Barry, Environmental Director
(775) 265-4191 x 153
FAX: (775) 265-6240
Email: washoetribe@saturnnet.com

Project Introduction/Background

The Washoe Tribe has a long commitment to the restoration of Tribal lands and the aboriginal homelands. The Washoe Tribe has established several laws to protect the environment of Tribal lands, including a Planning Development law, Land Use Management Plan, Title 19-Water Code, and Title 17-Environmental Protection Code. In addition, the Washoe Environmental Protection Department (WEPD) has completed with approval from the Tribal Council and the Environmental Protection Agency (EPA) the Nonpoint Source Assessment and Management Program, the Sampling and Analysis Plan for the Water Quality Monitoring Program, and the Quality Assurance Project Plan. WEPD has also completed a Unified Watershed Assessment, which listed the Middle Carson as a Category 1. and Priority 1. Watershed. Currently, WEPD is working on the second draft of Water Quality Standards and a 305b Report. In addition, WEPD has hired two new Environmental Specialist II's and an Environmental Specialist I to staff. The Tribe has joined forces with federal, state, and local governments to protect the Carson River Watershed environment in areas such as water quality, air quality, bank stabilization, and wildlife habitat improvement. WEPD has also worked with Tribal elders and the children on the restoration and recording of the knowledge base of traditional and customary stewardship and practices.

WEPD was awarded a 319h grant for FY00 -FY01, which addressed the first and part of the second phase of the NPS work at Stewart Ranch. Phase I. projects included the planting of native grasses and woody species, watering and caring for revegetated areas, streambank stability, fencing 3 miles of riparian corridor along the Carson River, establishing long-term monitoring plots for evaluation of project outputs, educating tribal members of the benefits of using Best Management Plans (BMPs), teaching tribal members how to carry out erosion control projects, monitoring water quality, hydrology review and analysis, and design of streambank stabilization projects (broken into several phases due to the tremendous amount of work that needs to be completed). In addition, installation of domestic wells for water devices for livestock, and the development of a Grazing Management Plan was completed.

These efforts initiated many specific environmental restoration and protection projects to help minimize the impacts of a long-term ranching operation and to improve water quality. The Tribe's environmental restoration efforts will continue through these existing efforts, however, FY02, 319h grant funding is needed to continue implementing measures to protect and to stride towards restoring water quality, watershed condition, and aquatic and riparian habitat on tribal lands as outlined in the Washoe Tribe of Nevada & California's Nonpoint Source Assessment and Management Program (2000). These funds will pay for a portion and the completion of structure 2, which could not be completed without these funds. The Carson River Watershed (CRW) is on the Nevada 303d list for exceeding impairments of phosphorus, sediment, and turbidity. The CRW is one of the EPA's targeted hydrologic unit areas. The CRW is also one of the 12-targeted areas on the National Clean Water Action Plan for coordinated restoration demonstration watersheds.

The projects to complete Phase II. will include riparian revegetation, streambank stabilization, and installation of ranching BMPs projects along approximately 1.5 mile reach on the CRW. The long-term success of these projects will benefit 653 acres of tribal rangelands along the CRW. Completion of Phase II. projects include the planting of native grasses and woody species, watering and caring for planting areas, placing in-stream structures for bank stability and reduction of sediment loading, monitoring and evaluation of project outputs, educating tribal members of the benefits of using BMPs, implementing ranching BMPs, and teaching tribal members how to carry out erosion control projects. In addition, WEPD will develop presentations for the Tribal Council, Washoe Development Enterprise (WDE), and the four Tribal Communities.

These activities will be coordinated with local agencies including state, federal, WDE, USDA Natural Resource Conservation Service (NRCS), Western Nevada Resource Conservation Council (WNRC&D), Carson

Valley Conservation District, Upper Carson River Management Group, Ducks Unlimited, local agencies, and educational institutions (University of Nevada at Reno (UNR), and *Washiw Wagayay Manal* (Washoe language immersion school)). The Washoe Tribe will be the lead implementing organization with the above listed named as cooperating institution and agencies. It is anticipated that the projects implementation will result in improved management of livestock grazing, erosion and sediment controls, stream protection and stabilization, riparian vegetation management, improved Tribal BMPs awareness, conservation and creation of wildlife habitat. These results will in the long-term benefit surface water quality, ground water quality, and wildlife habitat.

Project Location

Washoe Tribal lands on the Carson River, Nevada. (see pre-proposal Map 1.).

Project Goals & Objectives

Program goal: To protect and restore water quality, watershed condition, and aquatic and riparian habitat on tribal lands as outlined in the Washoe Tribe of Nevada & California Nonpoint Source Assessment and Management Program (2000).

Program objectives:

- 1) Installation of BMPs to improve water quality conditions.
- 2) Erosion and sediment controls using native plant vegetation and bank stabilization using bioengineering techniques (peek stone dykes, rock riprap, vegetation planting, drop structures, wattling etc.).
- 3) Stream corridor protection and stabilization by implementation of NPS management plan in addition to implementation of range improvements and irrigation water management (7-10 and 7-1) and native planting projects.
- 4) Protection and enhancement of woody riparian vegetation to provide shading for surface waters (wrap cottonwood trees for beaver damage protection).
Slope stabilization by revegetation, peek stone dykes, rock riprap, and slope shaping Projects (BMP 6-3 and BMP 2-1).
- 5) Reduction of excessive sediment transport and long-term potential of reduced stream temperatures on tribal lands.
- 6) Continued efforts on the newly established Tribal BMP education program by training and presentations.
- 7) Conservation and creation of important wildlife habitat (Bald Eagles, Golden Eagles, waterfowl, upland game birds, mule deer etc.).

Project Activities/Description

The completed projects will include riparian revegetation, streambank stabilization, and range improvement projects on approximately 1.5 mile section within Tribal lands on the Carson River watershed. This proposed project will fund approximately 691 feet of work on structure 1 near Mallard Bend. Projects include: 1) Planting of native grasses and woody species. 2) Watering and caring for revegetated areas. 3) Placing in-stream structures for bank stability and reduction of sediment and nutrient loading. 4) Monitoring and evaluation of project outputs. 5) Educate tribal members of the benefits of using BMPs by teaching tribal members how to carry out erosion control projects. 6) Coordinate the projects with cooperating agencies. The proposed project will assist with numbers 1, 3, and 6 listed above.

It is anticipated that the projects implementation will result in reduced sediment delivery, reduced river temperatures (long-term), reduced delivery of nutrients, increased bank stability, and improved tribal BMP understanding. These results will benefit surface water and ground water quality. Project completion will result in improved management of livestock grazing, erosion and sediment controls, stream protection and stabilization, riparian vegetation management, and improved fish and wildlife habitat.

Outputs/Deliverables

- Task 1:** Assign tasks to personnel and identify any possible modifications needed in work-plan. Complete time-table coordinating funding efforts. Contract with the Tribal Conservation Crew to cut and transport willow bundles, cottonwood trees, and pinyon trees for bank stabilization. Hire contractor for construction. Hire contractor for implementation and inspection of construction of stream bars, and rock riprap. Schedule with Ranch Manager to prepare roads and staging areas.
- Output 1:** List of assigned personnel with responsibilities. Copy of time-line. Copy of bid package.
- Task 2:** Construct implementation projects. 1. Riparian vegetation plantings. 2. Phase II area: place in-stream structures for bank stability (BMP 4-3, BMP 4-1 to 4-3) near Mallard Bend.
- Output 2:** Final draft report (acres/feet of vegetation planted, number of willows and cottonwoods planted/established, feet of streambank/slope projects completed) detailing the success of the projects/activities, and identify future BMP projects.
- Task 3:** Conduct training of tribal crews and volunteers. Identify plant stock to be used and make a timeline for collection or purchasing.
- Output 3:** Training materials.
- Task 4:** Monitor existing (FY00) vegetation plots and photo points. Monitor water quality and sediment delivery at established (FY00) sites.
- Output 4:** Summary of improvements in riparian areas along the 1.5 reach, water quality report, and summary of vegetation sampling.
- Task 5:** Construct implementation projects. 1. Installation of well with solar pumps and controllers, trackers, track rack, water sensors, piping and troughs. 2. Range improvements and irrigation water management (7-1 and 7-10).
- Output 5:** Map with photos and location of installed livestock watering devices.
- Task 6:** Develop the Final draft report (acres/feet of vegetation planted, number of willows and cottonwoods planted/established, feet of streambank/slope projects completed) detailing the success of the projects/activities, and identify future BMP projects.
- Output 6:** Final draft report presented to the Washoe Tribal Council and EPA.



Tribal
Conservation
Crew members
and WEPD staff
conduct
bioengineering
on Structure 1.
2001.

Milestones

These milestones are designed for a 14-month grant period. The implementation of the projects associated with stream revegetation or bank stabilization for best results should be implemented late November - March.

Component

Completion Date

Project start

3 months from start

Assign personnel to complete tasks.
Set schedule for project activities with cooperating agencies.
Assign tasks and identify any possible modifications needed in work-plan.
Hire contractor for construction and consultant for inspection of in-stream and streambank projects.
Contact and set schedule with Washoe Ranch Manager.
Contract and train Tribal Conservation Crew
Compile the volunteer list
Permits have been obtained for this project

Plant collection and preparation.

On-going

Revegetation plan and outlined areas for implementation.
Conduct training of tribal crews and volunteers.
Identify plant stock to be used and make a timeline for collection and purchasing. Site assessments to identify characteristics of specific areas for best planting results.

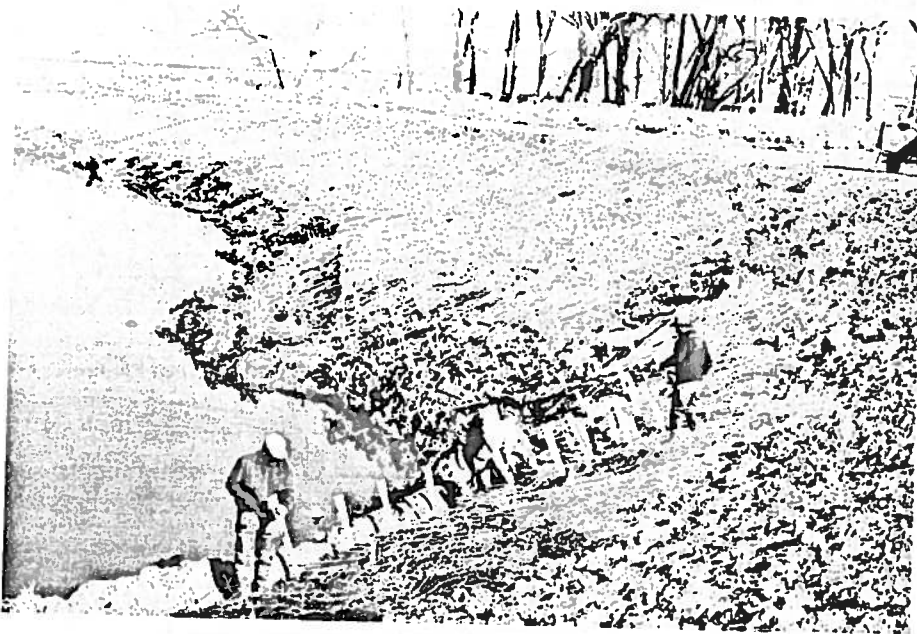
6 months from start

Construct implementation projects.

8 months from start

Final report (Draft to the Washoe tribal council and EPA)

Provide As-Build design to Army Corp of Engineers and completed paperwork 14 months from start



WEPD staff and Tribal Conservation Crew completing bioengineering practices along Structure 1 (1,100 + ft) 2001, Stewart Ranch NPS Project.

Budget and Workplan attached.

Budget

**Washoe Tribe of Nevada California
Non Point Source Program B
Stewart Ranch FY02**

LINE ITEM	CALCULATION	EPA REQUEST	INKIND MATCH
Personnel			
Environmental Department Director	Range 35, Step A: (\$28.31/hour) x 200	5,662	
Environmental Coordinator	(\$18.00/hour) x 350	6,300	
1 FTE Environmental Specialist II	Range 19, Step E (14.14/hour) x 2080	29,411	
Environmental Specialist I	Range , Step (\$12.83/hour) x 450	6,094	
Secretary	\$11.50/hour x 165	1,921	
WDE Director	\$33/hr x 26		858
WDE Ranch Manager	\$12.83/hr x 225		2,886
Subtotal Personnel		49,388	3,744
Fringe Benefits			
FICA	0.0765	3,778	286
SUTA	0.018	889	67
SIIS	0.0221	1,091	83
Health Insurance	\$300/mo x 1 FTE x 12	3,600	
Vacation Liability	.04 x sub personnel	1,976	
Subtotal Fringe Benefits		11,334	437
Subtotal Personnel & Fringe		60,722	4,181
Operating Costs			
Local Travel	\$.365per mile x 3,500	1,278.00	
Non Local: Training	Airfare: 2 pers @ \$250 each.	500	
	Per Diem: 2 pers @ \$125/dayx3days	750	
Subtotal Travel		2,528	
Contractual			
Water/Sediment Testing University of Nevada, Reno	Lab fees	9,578	
Consultant: Permits, Engineering/Construction and Inspection of stone spur and rock riprap (Stream Projects for Completion of Phase II)		3,000	
Contractor to intall rock riprap and stone spur		51,564	
Contractor well installation		3,000	
Washoe Conservation Crew	\$10/hr x 2 workers x 600 hours	2,400	
WDE	Tractor @\$170day/7days + oporator @ 8hr/7days x \$25hr		2,590
7 Youth Volunteers	\$10/hr x 7 volunteers x 80 hours		5,600
Subtotal Contractual		69,542	8,190
Equipment			
Livestock watering device	installation materials	2,500	
Subtotal Equipment		2,500	
Supplies			
General Office		1,000	
Field Supplies	Shovels, picks, axes, gloves, watering devices, etc.	2,000	
Subtotal supplies		3,000	
Other			
Livestock watering device	\$2,300 x 1	2,300	
Revegetation Plants (Retail not Tribal value) Willow clump 10 @ \$75 each = \$750, willow 5ft section 1,000 @ \$5 each = 5,000, willow 2ft section 2,000 @ \$1 = \$2,000, cottonwood 20ft 50 @ \$40 = \$2,000, cottonwood 10ft 50 @ \$25 = \$1,250.			20,475
Grasses, watering supplies, etc.		500	
Subtotal Other		2,800	20,475
Total Direct Costs		141,092	32,846
Indirect costs @ 12.9% minus contractual and equipment		8,907	797
Total Project Costs		150,000	33,643

* In-Kind Reflects Waiver that was approved FY00 and FY02 for 10% match

WASHOE TRIBE OF NEVADA AND CALIFORNIA
NONPOINT SOURCE 319(h)
PROGRAM A & B
FY 2002 -WORKPLAN

DESCRIPTION OF TASKS	DATE		STATUS	DATE DUE TO EPA	OUTPUT	PERSON/YEARS (2080 HOURS = 1 YEAR)	ESTIMATED COST
	START	END					
1. Administrative Duties							
1. Assign tasks to personnel and identify any possible modifications needed in workplan.	8/1/02	11/30/02		9/31/02	List of assigned personnel with responsibilities.	PD 156 hours EC 83 hours	
2. Establish work schedule WEPD staff and the WDE Ranch Manager.	On-going			Quarterly (11/30/02, 2/28/03, 5/31/03, 8/31/03)	Copy of Bid Package.	ESII 100 hours S 250 hours	
3. Hire a contractor for project implementation and inspection of construction of stone spur, rock riprap projects.	10/1/02	2/28/02		11/30/02, 2/28/03, 5/31/03, 8/31/03, 10/31/03	Schedule of activities.	WDED 20 hours RM 10hours	
4. Draft Quarterly/Annual reports.					Quarterly/Annual reports		
5. Report to Tribal Council and WDE Board.	On-going						
6. Purchase materials, office supplies etc.	On-going						
7. Draft grant proposal for NPS FY03.	TBA						
8. Hire Tribal field crew	On-going						

WASHOE TRIBE OF NEVADA AND CALIFORNIA
NONPOINT SOURCE 319(h)
PROGRAM A & B
FY 2002 -WORKPLAN

DESCRIPTION OF TASKS	DATE		STATUS	DATE DUE TO EPA	OUTPUT	PERSON/YEARS (2080 HOURS = 1 YEAR)		ESTIMATED COST
	START	END						
2. Streambank Stabilization Bioengineering								
1. Conduct training of tribal crews and volunteers for bioengineering projects.	10/1/02	3/1/03		5/31/03	Copies of training materials.	ED EC ESII ESI RM FW	10hours 83 hours 536 hours 150 hours 10 hours 80 hours	
2. Identify plant stock to be used for revegetation projects and make a timeline for collection or purchasing.	10/1/02	11/30/02						
3. Collection of vegetation for projects.	On-going							
3. Site Monitoring								
1. Conduct water quality tests according to schedule.	On-going			5/31/03	Detailed success of project. Map with photos and location of all implemented projects.	ED EC ESII ESI UNR Lab	16 hours 83 hours 536 hours 150 hours	
2. Conduct monitoring activities.	On-going							
3. Reassess after implementation.	On-going							

WASHOE TRIBE OF NEVADA AND CALIFORNIA
NONPOINT SOURCE 319(h)
PROGRAM A & B
FY 2002 -WORKPLAN

DESCRIPTION OF TASKS	DATE		STATUS	DATE DUE TO EPA	OUTPUT	PERSON/YEARS (2080 HOURS = 1 YEAR)	ESTIMATED COST
	START	END					
4. Implementation of Projects							
1. Construct and implement projects. a. Structure 2	10/1/02	5/1/03		Status report with 5/31/03 quarterly report and final on 10/31/03	Summary outlining completed projects on approximately 1.5 mile section on Tribal lands along the Carson River Watershed.	ED EC ESII ESI RM FW C	10 hours 83 hours 536 hours 100 hours 55 hours
2. Stone spur/rock riprap (structure 2)	5/1/03	8/1/03					
3. Installation of solar pumps and controllers, trackers, track rack, water sensors, piping and troughs.	9/1/02	10/31/03					
4. Revegetate streambanks, sandbars etc.	10/1/03	10/31/03					
5. Report on projects implemented (2-3p).							
5. Ranching Operations BMP							
1. Implementation of Proper Grazing Uses according to BMP 7-9 and the Washoe Planned Grazing System. a. Monitor from start up. b. Draft report.	10/1/02	10/31/03		10/31/03	Report of findings on activity 1.	EC ESII ESI WDED RM	83hours 536hours 100hours 16hours 150hours
2. Soil Amendment, Fertilizer, & Pesticide Management (BMP 7-7) a. Conduct soil tests to analyze nutrient rates applied to agric. lands. b. Establish realistic goals and timelines. c. Contact NRCS. d. Develop map with soil sample sites and estimated yields.	10/1/02	1/15/03		2/28/03	Map with soil sampling sites and estimated yields.		
3. Implementation of new livestock facilities (BMP 7-11) a. Installation of solar watering device	5/1/03	8/1/03					
4. Range Improvements (BMP 7-10) a. Implementation of projects identified in FY01 according to BMP 7-1 and BMP 7-10. b. Present findings to WDE.	10/1/02	9/15/03					

SAP
needed

**WASHOE TRIBE OF NEVADA AND CALIFORNIA
NONPOINT SOURCE 319(h)
PROGRAM A & B
FY 2002 -WORKPLAN**

DESCRIPTION OF TASKS	DATE START END	STATUS	DATE DUE TO EPA	OUTPUT	PERSON/YEARS (2080 HOURS = 1 YEAR)	ESTIMATED COST
6.Final Reporting						
1. Draft a final report on as-built constructed projects (acres/feet of vegetation planted, number of willows and cottonwoods planted/established) including identified prioritized future BMP projects.	10/1/03 10/31/03		10/31/03	Final draft report	ED EC ESII 88 hours 83 hours 536 hours	
2. Present final report to the Tribal Council.	September meeting.		10/31/03	Copy of presentation.		

Personnel	Codes	Wage
Program Director	PD	28.31
Environmental Coordinator	EC	18.00
Environmental Specialist II	ESII	14.14
Environmental Specialist I	ESI	12.83
Secretary	S	11.50
WDE Director	WDED	33.00
WDE Ranch Manager	RM	12.83
Field Workers	FW	10.00
Consultant	C	75.00
7 Youth Volunteers	V	10.00

